

CLAIMS

- 1 A method of modifying a source document to form an output document for display on a display device, said method comprising the steps of:
- (i) accessing said source document;
  - 5 (ii) removing from said source document at least one source graphical display item:
  - (iii) reading category data associated with a link data item within said source document, said link data item specifying a linked location within said source document or another document:
  - 10 (iv) in dependence upon said category data, selecting an output graphical data item to be associated with said link data item: and
  - (v) adding data identifying said output graphical data item to said output document such that said output graphical data item may be displayed in association with said link data item upon said display device.
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2. A method as claimed in claim 1, wherein said document is a mark-up language document.
3. A method as claimed in any one of claims 1 and 2, wherein said link data item
- 20 is a hypertext link.
4. A method as claimed in claim 3, wherein said hypertext link includes a universal resource identifier and said category data is at least partially derived from identifying link keywords within said universal resource identifier.
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5. A method as claimed in any one of claims 3 and 4, wherein said hypertext link includes associated text for display and said category data is at least partially derived from identifying link keywords within said associated text for display.
- 30 6. A method as claimed in any one of the preceding claims, wherein said category data is associated with a category data entry within an output graphical data item database that includes data identifying a matching output graphical data item.

7. A method as claimed in claim any one of the preceding claims, wherein said output graphical data item is an output graphical icon.
- 5 8. A method as claimed in any one of the preceding claims, wherein said data identifying said output graphical data item is added as a metatag.
9. A method as claimed in any one of the preceding claims, wherein said data identifying said output graphical data item is data identifying a built in icon of said display device.
- 10 10. A method as claimed in any one of the preceding claims, where said source document is an internet web page.
- 15 11. A method as claimed in any one of the preceding claims, wherein said source document is a html data file.
12. A method as claimed in any one of the preceding claims, wherein all source graphical data items have been removed from said output document.
- 20 13. A method as claimed in any one of the preceding claims, wherein said source graphical data items include one or more of:
- a GIF image;
  - a JPEG image; and
  - 25 a bitmap image.
14. A method as claimed in any one of the preceding claims, wherein said source document is retrieved from a source computer server via a computer network.
- 30 15. A method as claimed in claim 14, wherein said steps of accessing, removing, reading, selecting and adding are performed by a proxy server disposed within said

computer network between said source computer server and a client computer requesting said data file.

16. A method as claimed in claim 14 wherein said steps of accessing, removing, reading, selecting and adding are performed by a client computer which requests said data file from said source computer server.

17. A method as claimed in any one of the preceding claims, wherein said display device has different display capabilities than those of a display for which said source document is primarily intended or said document is display independent.

18. A method as claimed in any one of the preceding claims, wherein said display device is part of a wireless mobile device.

19. Apparatus for modifying a source document to form an output document for display on a display device, said apparatus comprising processing logic performing the steps of:

- (i) accessing said source document;
- (ii) removing from said source document at least one source graphical display item;
- (iii) reading category data associated with a link data item within said source document, said link data item specifying a linked location within said source document or another document;
- (iv) in dependence upon said category data, selecting an output graphical data item to be associated with said link data item; and
- (v) adding data identifying said output graphical data item to said output document such that said output graphical data item may be displayed in association with said link data item upon said display device.

20. Apparatus as claimed in claim 19, wherein said source document is retrieved from a source computer server via a computer network.

21. Apparatus as claimed in claim 20, wherein said processing logic is part of a proxy server disposed within said computer network between said source computer server and a client computer requesting said data file.
- 5 22. Apparatus as claimed in claim 20, wherein said processing logic is part of a client computer which requests said data file from said source computer server.
23. A computer program storage medium storing a computer program for controlling a data processing apparatus to perform the method as claimed in any one of  
10 claims 1 to 18.